

ABSTRACT OF THE DISCLOSURE

An apparatus for controlling a microscope stage assembly including a bidirectional, ergonomic stage movement means operatively arranged to be detachably secured to the microscope stage assembly. A microscope stage movement means including at least one substantially circular stick with an attachment end and a gripping end wherein said attachment end is operatively arranged to be detachably secured to a microscope stage assembly. An interchangeable microscope stage movement device for providing X and Y movement of a sample which includes a microscope stage assembly and a joystick detachably secured to the stage assembly at more than one location of the stage assembly.